

ABSTRACT OF THE DISCLOSURE

A semiconductor chip is attached to a lead frame with a filmy organic die-bonding material having a water absorption of 5 1.5% by volume or less; having a saturation moisture absorption of 1.0% by volume or less, having a residual volatile component in an amount not more than 3.0% by weight, having a modulus of elasticity of 10 MPa or less at a temperature of 250 °C. The semiconductor device thus obtained can be free from occurrence 10 of reflow cracks during reflow soldering for the packaging of semiconductor devices.